## **Professor Isaac C. Sanchez**

Professor Sanchez holds the William J. Murray Chair in the College of Engineering at the University of Texas. He earned his Ph.D. in chemical engineering from the University of Delaware in 1969. Prof. Sanchez was awarded an NRC/NAS Postdoctoral Research Fellowship (1969-71) at the National Bureau of Standards in the Polymers Division. He was subsequently a technical staff member and group leader at NBS/NIST. He received a U.S. Department of Commerce Bronze Medal in 1980, a Silver Medal in 1983, and the Edward U. Condon Award in 1983. He is a



fellow of the American Physical Society, was elected to the National Academy of Engineering in 1997, and is a charter member of the Texas Academy of Medicine, Engineering, and Science. He has been a member of the UT Chemical Engineering Department since 1988. He researches properties of polymer liquids, solutions and blends. He attempts to solve problems in polymer science and engineering by studying polymer interfacial phenomena, and how changes in temperature, pressure and volume affect polymers. Prof. Sanchez develops models and uses computer simulations to understand polymer solubility and conformation and to understand the role of water in polymer processes.